

Amendments to the Claims:

1-16. (cancelled)

17. (new) A corner joint for frames of wall elements, doors or windows, comprising a corner connector and two mitered hollow sections, wherein the corner connector comprises at least two connecting parts which can be introduced into a hollow space of a hollow section and are each designed with a fastening arrangement for connection to in each case a hollow section, recesses and/or distribution channels for receiving and distributing adhesive being provided on at least one boundary surface of a connecting part, and in that a connecting arrangement for connecting the connecting parts each fastened to a hollow section is provided, connecting arrangement and/or connecting parts being designed in such a way that the mitered hollow sections can be pressed against one another under prestress during the connection operation.

18. (new) The corner joint as claimed in claim 17, wherein the connecting parts are provided with a miter, the miter angle corresponding to that of the respective associated hollow sections.

19. (new) The corner joint as claimed in claim 18, wherein at least one of the connecting parts is fastened in the hollow section at a distance from the miter surface of a hollow section.

20. (new) The corner joint as claimed in claim 17, wherein the respective hollow section and the respective connecting part are screwed and/or glued together with one another.

21. (new) The corner joint as claimed in claim 17, wherein the hollow section is fastened to the connecting part by means of self-tapping screws.

22. (new) The corner joint as claimed in claim 17, wherein the connecting parts are screwed and/or glued together with one another.

23. (new) The corner joint as claimed in claim 17, wherein the connecting parts comprise at least one through-hole, in particular a bore, running approximately at right angles to the miter for connecting the connecting parts.

24. (new) The corner joint as claimed in claim 17, wherein the connecting parts are provided with a nut in the region of the through-hole.

25. (new) The corner joint as claimed in claim 17, wherein the hollow section comprises at least one opening for the injection of adhesive into the distribution channels.

26. (new) The corner joint as claimed in claim 17, wherein the connecting part comprises webs and recesses running in the longitudinal direction in the region of the outer side and in the region of the inner side.

27. (new) The corner joint as claimed in claim 17, wherein the connecting part comprises a central recess in the region of the outer side and correspondingly two webs at the side and also at least one web in the region of the inner side.

28. (new) A connecting part for producing a corner joint as claimed in claim 17 for frames of wall elements, doors or windows consisting of two mitered hollow sections and with at least two connecting parts which can be introduced into a hollow space of a hollow section, wherein the connecting part comprises a miter which corresponds to that of the hollow section to which the connecting part can be connected and a connecting arrangement is provided by means of which two connecting parts with the hollow sections fastened thereto can be connected, the connecting arrangement being designed in such a way that the mitered hollow sections can be pressed against one another under prestress during the connection operation, and in that recesses and/or distribution channels for receiving adhesive are provided on at least one boundary surface of the connecting part.

29. (new) The connecting part as claimed in claim 28, wherein the connecting part comprises as the connecting arrangement at least one through-hole, in particular a bore, for

receiving a fastening element, in particular a screw, and in that one of the connecting parts comprises a complementary fastening element, in particular a nut.

30. (new) A method for producing a corner joint for frames of wall elements, doors or windows consisting of a corner connector and at least two mitered hollow sections, the corner connector comprising at least two connecting parts, wherein each connecting part is connected to the respective hollow section with the aid of a fastening arrangement and in that the connecting parts each fastened to a hollow section are then connected to one another with the aid of a connecting arrangement, the mitered hollow sections being pressed against one another under prestress during the connection of the connecting parts each fastened to a hollow section, and in that the respective hollow section and the respective connecting part are screwed and glued together with one another.

31. (new) The method for producing a corner joint as claimed in claim 30, wherein at least one connecting part is connected to the respective hollow section so that a connecting part has a distance from the miter surface of a hollow section.

32. (new) The method for producing a corner joint as claimed in claim 30, wherein the hollow section is fastened to the connecting part by means of self-tapping screws.